Figure 1:

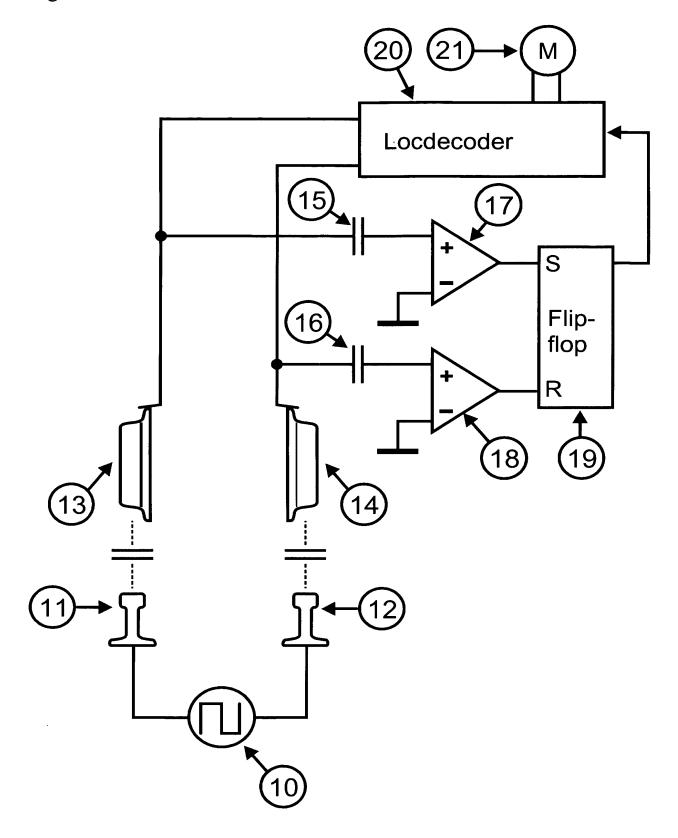
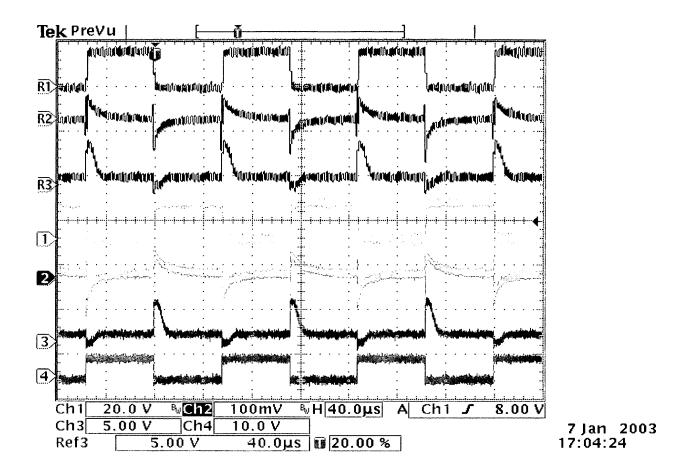


Figure 2:



Legend:

Channel R1: Track voltage (11)

Channel R2: Input (17)

Channel R3: Output (17)/input "S" Flipflop (19)

Channel 1: Track voltage (12)

Channel 2: Input (18)

Channel 3: Output (18)/Input "R" Flipflop (19)

Channel 4: Output Flipflop (19)

Figure 3:

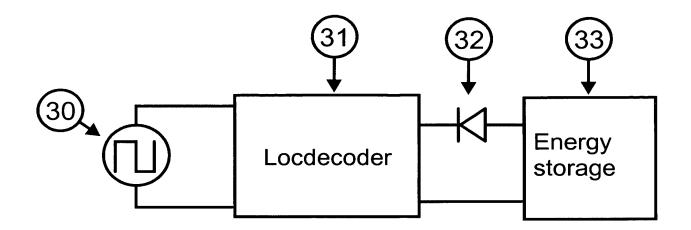


Figure 4:

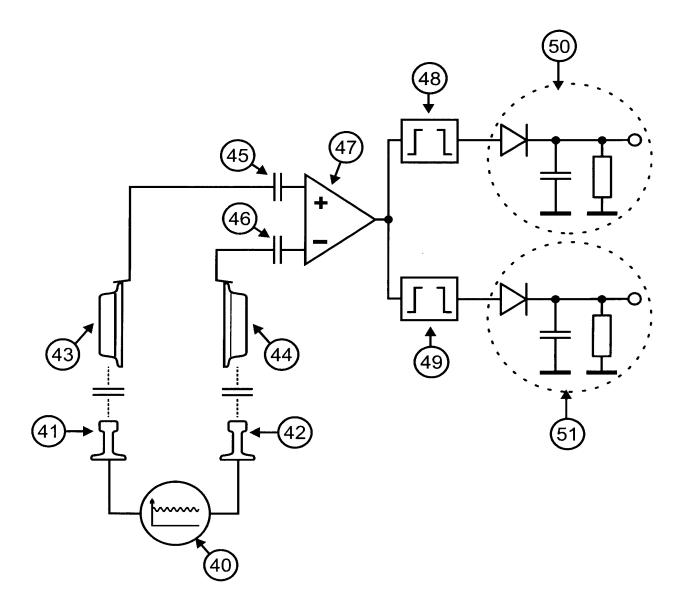
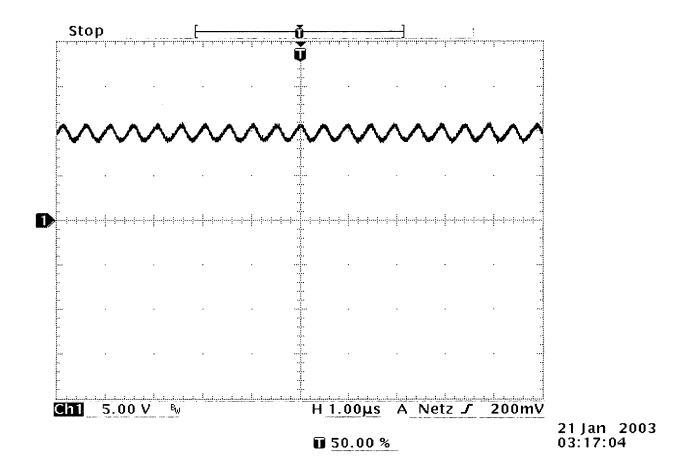


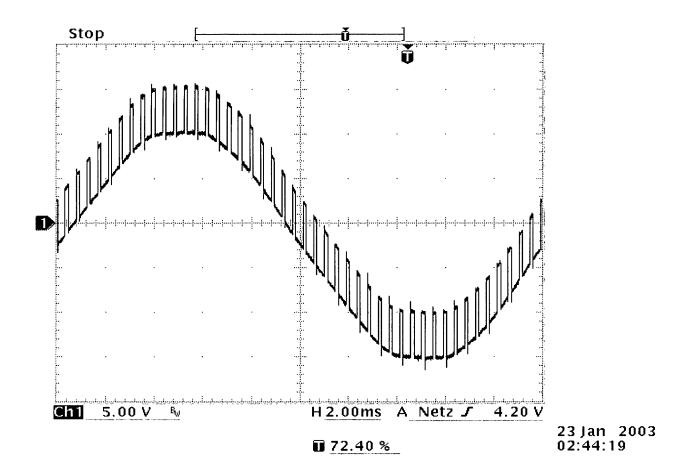
Figure 5:



signal's dc component: 10V

signal's ac component: 1,5Vss, frequency: 2MHz

Figure 6:



Amplitude of a 50Hz-sine wave: 24 Vpp

Square wave signal: amplitude: 5 Vpp

frequency: approx. 2 kHz dutycycle: approx. 25%